PATENT ABSTRACTS OF JAPAN

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(54) DYE-DISCHARGING AGENT FOR SYNTHETIC FIBER MATERIAL, DISCHARGE OF DYE AND DYE-DISCHARGED SYNTHETIC FIBER MATERIAL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a dye-discharging agent by adding guanidine carbonate and an adsorbing substance, and to provide a method for discharging the dye of a synthetic fiber material, capable of giving the dye-discharged fiber material having excellent designability without discoloring a dye in a dye paste by printing the synthetic fiber material with a printing paste containing the dye- discharging agent and subsequently thermally treating the printed fiber material.

SOLUTION: This dye-discharging agent for synthetic fibers contains guanidine carbonate and an adsorbing substance, such as activated carbon. The method for discharging the dye of a synthetic fiber material comprises printing the synthetic fiber material such as polyester yarns, polyamide yarns or the blend of the yarns with other yarns, with the printing paste and subsequently thermally treating the printed fiber material in a dry or wet state. The printing paste is prepared by adding the dye-discharging agent to an original paste so as to contain the guanidine carbonate in an amount of 0.1-50.0 wt.% based on the printing paste.

LEGAL STATUS

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Synthetic fiber material removal agent for polyester fiber - includes carbonic acid guanidine and adsorptivity material

Patent Assignee: NIKKA KAGAKU KK (NKKC)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2977546	B1	19991115	JP 98268143	A	19980922	199954	B
JP 2000096461	A	20000404	JP 98268143	A	19980922	200027	

Priority Applications (No Type Date): JP 98268143 A 19980922

Patent Details:

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JP 2977546	B1		3	D06P-005/13	
JP 2000096461	A		4	D06P-005/13	

Abstract (Basic): JP 2977546 B

NOVELTY - The removal agent includes carbonic acid guanidine and an adsorptivity material.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the discharge processing method of polyester fiber.

USE - Used in discharge processing of polyester fiber.

ADVANTAGE - There is no dyestuff color change and fiber material with excellent design property is obtained, easily and safely.

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Title Terms: SYNTHETIC; MATERIAL; REMOVE; AGENT; POLYESTER; CARBONIC; ACID; GUANIDINE; ADSORB; MATERIAL

Derwent Class: A23; A35; A60; E16; E19; F06

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